

IN THE CLAIMS

1. (Currently Amended) A glass reinforcing yarn comprising a composition, expressed in percentages by weight of:

SiO ₂	50-65%
Al ₂ O ₃	12-20%
CaO	13-14.9%
MgO	6-12%
B ₂ O ₃	0-3%
TiO ₂	0-3%
Na ₂ O + K ₂ O	<2%
F ₂	0-1%
Fe ₂ O ₃	<1%

_____ wherein the glass reinforcing yarn contains no lithium oxide other than trace impurities[[,]] and ~~has~~ having a specific Young's Modulus greater than 33.

2. (Previously Presented) The glass yarn as claimed in claim 1, wherein the composition has an MgO+Al₂O₃ content of greater than 24%.

3. (Previously Presented) The glass yarn of claim 1, wherein the composition has an SiO₂+Al₂O₃ content of greater than or equal to 70%.

4. (Previously Presented) The glass yarn of claim 1, wherein the composition has an Al₂O₃/(Al₂O₃+CaO+MgO) weight ratio that varies from 0.40 to 0.44.

5. (Previously Presented) The glass yarn of claim 1, wherein the composition has a CaO/MgO weight ratio of greater than or equal to 1.40.

6. (Currently Amended) The glass yarn of claim 1 ~~further~~ comprising, expressed in percentages by weight of:

SiO ₂	56-61%
Al ₂ O ₃	14-18%
CaO	13-14.9%

MgO	8-10%
B ₂ O ₃	0-2%
TiO ₂	0-2%
Na ₂ O + K ₂ O	<0.8%
F ₂	0-1%.
Fe ₂ O ₃	<0.8%.

7. Canceled

8. (Currently Amended) A glass composition suitable for producing glass reinforcing yarns, comprising, expressed in percentages by weight:

SiO ₂	50-65%
Al ₂ O ₃	12-20%
CaO	13-14.9%
MgO	6-12%
B ₂ O ₃	0-3%
TiO ₂	0-3%
Na ₂ O + K ₂ O	<2%
F ₂	0-1%
Fe ₂ O ₃	<1%

_____ wherein the glass batch composition contains no lithium oxide other than trace impurities[[,]] and ~~has~~ having a specific Young's Modulus greater than 33.

9. (Previously Presented) The composition as claimed in claim 8, wherein the composition has an MgO+Al₂O₃ content of greater than 24%.

10. (Previously Presented) The composition as claimed in claim 8, wherein the composition has an SiO₂+Al₂O₃ content of greater than or equal to 70%.

11. (Previously Presented) The composition as claimed in claim 8, wherein the composition has an Al₂O₃/(Al₂O₃+CaO+MgO) weight ratio that varies from 0.40 to 0.44.

12. (Previously Presented) The composition as claimed in claim 8, wherein the composition has a CaO/MgO weight ratio of greater than or equal to 1.40.

13. (Previously Presented) The composition as claimed in claim 8, characterized in that the composition comprises the following constituents, expressed in percentages by weight of:

SiO ₂	56-61%
Al ₂ O ₃	14-18%
CaO	13-14.9%
MgO	8-10%
B ₂ O ₃	0-2%
TiO ₂	0-2%
Na ₂ O + K ₂ O	<0.8%
F ₂	0-1%.
Fe ₂ O ₃	<0.8%.

14. (Currently Amended) A glass yarn, comprising a glass composition containing the following constituents, in weight percent:

SiO ₂	50-65%
Al ₂ O ₃	12-20%
CaO	13-14.9%
MgO	6-12%
B ₂ O ₃	0-3%
TiO ₂	0-3%
Na ₂ O + K ₂ O	<2%
F ₂	0-1%
Fe ₂ O ₃	<1%

and having a specific Young's Modulus greater than 33.

15. (Previously Presented) The glass yarn of claim 14, wherein the glass yarn has a T_{log} n=4 of between 1271 °C and 1298 °C.

16. (Previously Presented) The glass yarn of claim 14, wherein the glass yarn has a T_{liquidus} of between 1210 °C and 1280 °C.

17. (Previously Presented) The glass yarn as claimed in claim 14, wherein the composition has an $\text{MgO}+\text{Al}_2\text{O}_3$ content of greater than 24%.
18. (Previously Presented) The glass yarn as claimed in claim 14, wherein the composition has an $\text{SiO}_2+\text{Al}_2\text{O}_3$ content of greater than or equal to 70%.
19. (Previously Presented) The glass yarn as claimed in claim 14, wherein the composition has an $\text{Al}_2\text{O}_3/(\text{Al}_2\text{O}_3+\text{CaO}+\text{MgO})$ weight ratio that varies from 0.40 to 0.44.
20. (Currently Amended) The glass yarn as claimed in claim 14, wherein the composition has a CaO/MgO weight ratio of greater than or equal to 1.40.